



## BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050PLEASE NOTE:  
YOU MUST  
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FOLLOWINGCOMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

COMPUTER-BASED MODEL FOR IDENTIFICATION AND CHARACTERIZATION FOR NON-COMPETITIVE INHIBITORS OF NICOTINIC ACETYLCHOLINE RECEPTORS AND RELATED LIGAND-GATED ION CHANNEL RECEPTORS

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the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information -  
For Use Without  
Specification  
Attached:

The specification was filed on April 9, 2004 as  
United States Application Number 10/820,809  
and amended on \_\_\_\_\_ (if applicable) and/or  
the specification was filed on \_\_\_\_\_ as PCT  
International Application Number \_\_\_\_\_; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

Insert Priority  
Information:  
(if appropriate)

(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
(Number)	(Country)	(Month/Day/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

(Application Number)	(Filing Date)
(Application Number)	(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested  
Information:  
(if appropriate)

Country	Application Number	Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

<u>10/411,206</u>	<u>April 11, 2003</u>	<u>Pending</u>
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or CUSTOMER NO. 02292  
P.O. Box 747 • Falls Church, Virginia 22040-0747  
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship

Insert Post Office  
Address


Full Name of Second  
Inventor, if any:  
see above

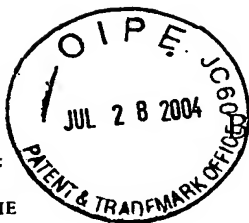
Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME Irving W. WAINER		INVENTOR'S SIGNATURE 	DATE* 6/17/04
Residence (City, State & Country) Washington, D.C.		CITIZENSHIP USA	
MAILING ADDRESS (Complete Street Address including City, State & Country) 3003 34th Street, N.W., Washington, DC 20008			
GIVEN NAME/FAMILY NAME Krzysztof JOZWIAK		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Abingdon, Maryland		CITIZENSHIP Polish	
MAILING ADDRESS (Complete Street Address including City, State & Country) 120 Waldon Rd., Apt. E, Abingdon, Maryland 21009			
GIVEN NAME/FAMILY NAME Ruin MOADDEL		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Germantown, Maryland		CITIZENSHIP Canadian	
MAILING ADDRESS (Complete Street Address including City, State & Country) 12208 Eagles Nest Court, Apt. L, Germantown, Maryland 20874			
GIVEN NAME/FAMILY NAME Sarangan RAVICHANDRAN		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Frederick, Maryland		CITIZENSHIP Indian	
MAILING ADDRESS (Complete Street Address including City, State & Country) 943 Jubal Way, Frederick, Maryland 21701			
GIVEN NAME/FAMILY NAME Jack R. COLLINS		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country) Frederick, Maryland		CITIZENSHIP USA	
MAILING ADDRESS (Complete Street Address including City, State & Country) 8106 Runnymede Drive, Frederick, Maryland 21702			
GIVEN NAME/FAMILY NAME		INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)		CITIZENSHIP	
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Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed →

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

Full Name of Second  
Inventor, if any:  
see above

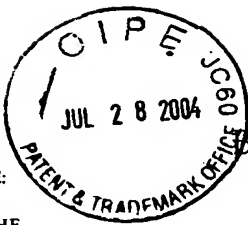
Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Irving W. WAINER		
Residence (City, State & Country)	CITIZENSHIP	
Washington, D.C.	USA	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
3003 34 <sup>th</sup> Street, N.W., Washington, DC 20008		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Krzysztof JOZWIAK	<i>Joziak</i>	05/20/04
Residence (City, State & Country)	CITIZENSHIP	
Abingdon, Maryland	Polish	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
120 Waldon Rd., Apt. E, Abingdon, Maryland 21009		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
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or Sole Inventor:  
Insert Name of  
Inventor  
Insert Date This  
Document is Signed →

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →


Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Irving W. WAINER		
Residence (City, State & Country)	CITIZENSHIP	
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GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Krzysztof JOZWIAK		
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MAILING ADDRESS (Complete Street Address including City, State & Country)		
120 Waldon Rd., Apt. E, Abingdon, Maryland 21009		
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Ruin MOADDEL		5-18-04
Residence (City, State & Country)	CITIZENSHIP	
Germantown, Maryland	Canadian	
MAILING ADDRESS (Complete Street Address including City, State & Country)		
12208 Eagles Nest Court, Apt. L, Germantown, Maryland 20874		
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Sarangan RAVICHANDRAN		
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943 Jubal Way, Frederick, Maryland 21701		
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Jack R. COLLINS		
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Frederick, Maryland	USA	
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_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

<u>10/411,206</u>	<u>April 11, 2003</u>	<u>Pending</u>
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

**BIRCH, STEWART, KOLASCH & BIRCH, LLP** or **CUSTOMER NO. 02292**

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

PLEASE NOTE:  
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Full Name of First  
or Sole Inventor:  
Insert Name of  
Inventor →  
Insert Date This  
Document is Signed

Insert Residence  
Insert Citizenship →

Insert Post Office  
Address →

Full Name of Second  
Inventor, if any:  
see above

Full Name of Third  
Inventor, if any:  
see above

Full Name of Fourth  
Inventor, if any:  
see above

Full Name of Fifth  
Inventor, if any:  
see above

Full Name of Sixth  
Inventor, if any:  
see above

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GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*
Residence (City, State & Country)	CITIZENSHIP	
MAILING ADDRESS (Complete Street Address including City, State & Country)		





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**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:

COMPUTER-BASED MODEL FOR IDENTIFICATION AND CHARACTERIZATION FOR NON-COMPETITIVE INHIBITORS OF  
NICOTINIC ACETYLCHOLINE RECEPTORS AND RELATED LIGAND-GATED ION CHANNEL RECEPTORS

Fill in Appropriate

the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:

Information -  
For Use Without  
Specification  
Attached:

The specification was filed on April 9, 2004 as  
United States Application Number 10/820,809  
and amended on \_\_\_\_\_ (if applicable) and/or  
the specification was filed on \_\_\_\_\_ as PCT  
International Application Number \_\_\_\_\_; and was  
amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Insert Priority  
Information:  
(if appropriate)

(Number), (Country)

(Month/Day/Year Filed)

☐ Yes ☐ No

(Number), (Country)

(Month/Day/Year Filed)

☐ Yes ☐ No

(Number), (Country)

(Month/Day/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.

Insert Provisional  
Application(s):  
(if any)

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:

Insert Requested  
Information:  
(if appropriate)

Country

Application Number

Date of Filing (Month/Day/Year)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S.  
Application(s):  
(if any)

10/411,206  
(Application Number)

April 11, 2003  
(Filing Date)

Pending  
(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

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PLEASE NOTE:  
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Full Name of First  
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Insert Date This  
Document is Signed →

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Insert Citizenship →

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Address →

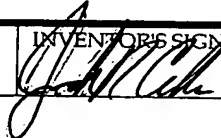
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Inventor, if any:  
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Full Name of Third  
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see above

Full Name of Fourth  
Inventor, if any:  
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Full Name of Fifth  
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Jack R. COLLINS		June 2, 2004
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